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Canada

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RBE350A93-3200-20

Job Sheet 193978



Part No: RBE350A93-3200-20

Job Qty: 4 pcs

Part Name: Main Gear Box/Rotor Brake Retaining Nut Wrench



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/24/19

Job Tracking No:

Due Date: 4/30/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBE350A93-3200-20 REV:D IPP REV A 18.01.23 NEW ISSUE RQ VERIFIED BY DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Small Fab - 1	4 pcs	4/30/19	4/30/19	0.00	4.00	Small Fab - 1		DAS
							Small Fab - 2		71
							Small Fab - 3		9-89
							Small Fab - 4		
							Small Fab - 5		19-5-1
							Small Fab - 6		
							Small Fab - 7		
120	QC 5	4 pcs	4/30/19	4/30/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		
							QC 5 - 30		
							QC 5 - 40		
130	Packaging 3-1 - Stock - B4B	4 pcs	4/30/19	4/30/19	0.00	0.00	Packaging 3 - 1 - B4B		DAS
							Packaging 3 - 2 - B4B		40
							Packaging 3 - 3 - B4B		9-89
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		DAS
							Packaging 3 - 6 - B4B		28
							Packaging 3 - 7 - B4B		9-89



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Container No: S177100



Part: RBE350A93-3200-20

Job No: 193978

Serial No/Batch: S177100

Revision: D

Inspector:

Exp Date:

Instructions:

Date: 05/01/19

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					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - SA	4 pcs	4/30/19	0.00 0.00		QC 21 - SA - 21	DAG
					QC 21 - SA - 70	21
					QC 21 - SA - 53	8-65

Part Op 110 - (Small Fab) Pick kit as per DWG.

Descriptions: 120 - (QC5- Inspect part completeness to step on W/O)

130 - (Identify as per dwg & Stock Location: _____)

140 - (QC21- Final Inspection - Work Order Release)

MAY 03 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
APP-1030-E	Case	4 Ea (1 ea)	110-Small Fab - 1	
RBE350A93-3200-20-1	Main Gear Box/Rotor Brake Retaining Nut Wrench	4 pcs (1 ea)	110-Small Fab - 1	5115438
RBE350A93-3200-20-5	Bottom Foam use in case APP-1030-E	4 pcs (1 ea)	110-Small Fab - 1	5091992
RBE350A93-3200-20-7	Top Foam use in case APP-1030-E	4 pcs (1 ea)	110-Small Fab - 1	

GA143
GA151A

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Small Fab - 1	APP-1030-E	4	10	0
	RBE350A93-3200-20-1	4	14	0
	RBE350A93-3200-20-5	4	5	0
	RBE350A93-3200-20-7	4	4	0

Part Specifications

Specifications could not be found.

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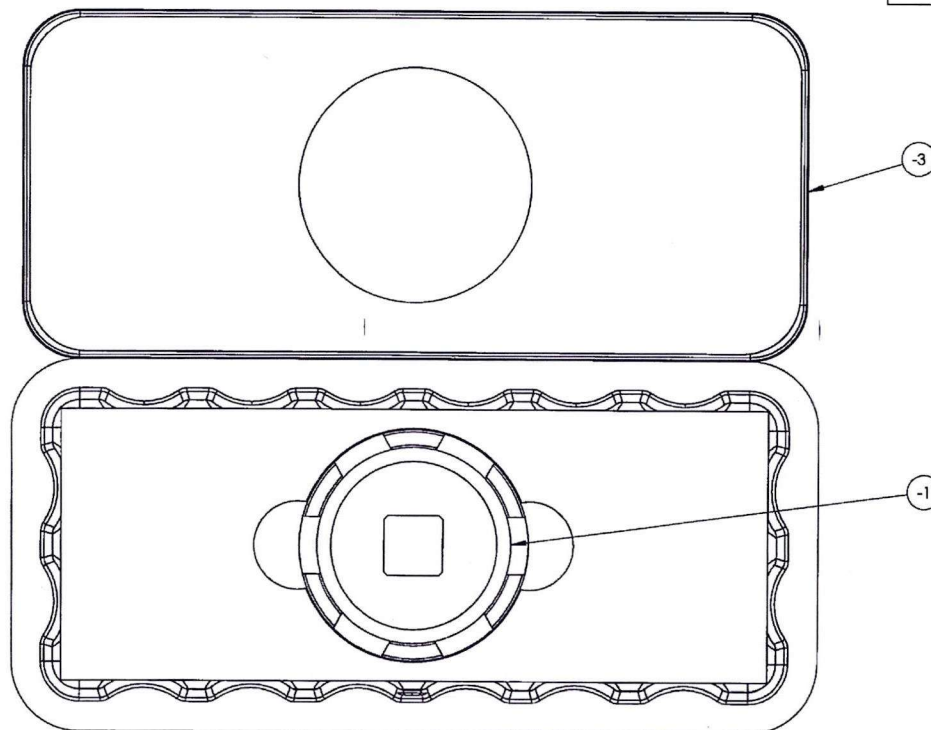
- CASE: 5091980
5091981
5091979
5091991

-5: 5092007
5091998
5091996
5091992

-7: 5092023
5092012
5092014
5092008

ITEM #	QTY	PART #	TITLE	PG
-1	1	RBE350A93-3200-20-1	MGB/ROTOR BRAKE RETAINING NUT WRENCH	2
-3	1	RBE350A93-3200-20-3	PACKAGING ASSY	3

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
1	CHANGED UPPER LIMIT TOLERANCE, ADDED "MADE IN USA"	-	4/23/09	RJC	RW
2	CHANGED DIMENSION .500+/- .002 TO .485 TO LOOSEN TOLERANCE PER HELIPRODUCTS INFO. ALSO ADDED .10 CHAMFER AND RADIUS FOR BALL LOCK ON 1/2" DRIVE CHANGED FROM CAD YELLOW PLATING TO BLACK OXIDE TO MATCH OTHER TOOLS. PER DAVE.	-	9/29/09	WP	-
3	SCRAPPED ORIGINAL DESIGN FOR THIS DESIGN, PER GABRIEL	-	3/4/10	WP	GE
3A	CH'D T/N WAS RBEA93-3200-20 IS RBE350A93-3200-20	-	10/20/13	CFS	RW
D	ITEM 1 BECOME -1, TEMPLATE UPDATED, ITEM -3 PACKAGING ASSY ADDED	17-799	17.12.21	VM	ML



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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 193978 M15
19-04-24

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) SPEC: N/A
- 5) BREAK ALL SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A

RBE350A93-3200-20 MAIN GEAR BOX/ROTOR BRAKE RETAINING NUT WRENCH

DART AEROSPACE Newbury, Ontario, Canada	
TITLE MAIN GEAR BOX/ROTOR BRAKE RETAINING NUT WRENCH	
PART NO. RBE350A93-3200-20	REV D
TOOL NO. RBE350A93-3200-20	
INITIALS AND DATE	
DESIGNED BY: VM 17/12/21	TOLERANCES: XXX ± .005 XX ± .01 X ± .1
DRAWN BY: VM 12/21/2017	FRACTIONS ± 1/8 ANGLES ± .5° SURFACE ROUGHNESS
CHECKED BY: VM 01/02/2018	SCALE: NTS
MFG REVIEW BY: DD 01/02/2018	SHEET 1 OF 8
APPROVED BY: ML 01/04/2018	COPYRIGHT © 2017 BY DART AEROSPACE LTD
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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					